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Old Docket No.: V637-02992 US  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Hoki Kwon

Confirmation No.: 4854

Application No.: 10/078,473

Group Art Unit: 2828

Filed: February 21, 2002

Examiner: Dung T. Nguyen

For: CARBON DOPED GAASSB TUNNEL  
JUNCTION FOR THE APPLICATION OF  
LONG-WAVELENGTH VCSEL

Customer No.: 000128

REPLY UNDER 37 CFR § 1.111

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Dear Sir:

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FEB 10 2004  
TECHNOLOGY CENTER 2800

INTRODUCTORY COMMENTS

In response to the Office Action dated November 5, 2003, please amend the above-identified U.S. Patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper. This listing of claims will replace all prior versions, and listings, of claims in the application.

**Amendments to the Drawings** begin on page 7 of this paper and include an annotated sheet showing changes.

**Remarks** begin on page 8 of this paper.

An **Appendix** including amended drawing figures is attached following page 11 of this paper.

